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 2F4J

Structure of the Kinase Domain of an Imatinib-Resistant Complex with the Aurora Kinase Inhibitor VX-662

Characteristics Release Date: 24-Jan-2006 Exp. &
Classification Resolution: 1.91 Å
Compound Transferase
 Molecule: Proto-oncogene tyrosine
 Polymer: 1 Type: polypeptide
 Chains: A
 EC#: 2.7.1.112
 Fragment: Kinase domain, residues
 Mutation: H396P

Authors Young, M.A. , Shah, N.P. , Chou, P. , Sawyers, P. , Kuriyan, J.

 2WHA

TRUNCATION AND OPTIMISATION OF PEPTIDE IN CYCLIN A THROUGH STRUCTURE GUIDED DESIGN

Characteristics Release Date: 09-Jun-2009 Exp. &
Classification Resolution: 2.75 Å
Compound Transferase
 Molecule: CYCLIN-DEPENDENT
 Polymer: 1 Type: polypeptide
 Chains: A, C
 EC#: 2.7.1.37
 Other Details: TRIAZOL-1-METHYL-

Molecule: CYCLIN A2
 Polymer: 2 Type: polypeptide
 Chains: B, D
 Fragment: RESIDUES 172-432
 Other Details: TRIPEPTIDE INHIBIT CHAIN D

Molecule: LEU-ASN-PFF
 Polymer: 3 Type: polypeptide
 Chains: E
Authors Kontopidis, G. , Andrews, M.J. , Plater, A. , Innes, L. , Renac, A. , Fischer, P.M.

 3DJ5

Crystal structure of the mouse Aurora-A catalytic (Lys240-> Arg, Met302-> Leu) in complex with Com

Characteristics Release Date: 05-May-2009 Exp. &
 Resolution: 1.80 Å

	Classification Compound	Transferase Molecule: serine/threonine kinase Polymer: 1 Type: polypeptide Chains: A EC#: 2.7.11.1  Fragment: Aurora A kinase domain, Mutation: N186G, K240R, M302L Authors: Elling, R.A., Erlanson, D.A., Tangonan, B.T., Hansen, S.K.
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 3DJ6
   

Crystal structure of the mouse Aurora-A catalytic (Lys240-> Arg, Met302-> Leu) in complex with Com

	Characteristics	Release Date: 05-May-2009 Exp. I Resolution: 1.70 Å
	Classification Compound	Transferase Molecule: serine/threonine kinase Polymer: 1 Type: polypeptide Chains: A EC#: 2.7.11.1  Fragment: Aurora A kinase domain, Mutation: N186G, K240R, M302L Authors: Elling, R.A., Erlanson, D.A., B.T., Hansen, S.K., Romano

 3DAj
   

Crystal structure of Aurora A complexed with an si through site-directed dynamic tethering

	Characteristics	Release Date: 08-Jul-2008 Exp. M Resolution: 2.00 Å
	Classification Compound	Transferase Molecule: serine/threonine kinase ε Polymer: 1 Type: polypeptide(Chains: A EC#: 2.7.11.1 Mutation: N173G, K227R, T287D, M Authors: He, M.M.

 1MPS
   

Crystal structure of Focal Adhesion Kinase (FAK)

	Characteristics	Release Date: 16-Sep-2003 Exp. I Resolution: 1.60 Å
	Classification Compound	Transferase Molecule: focal adhesion kinase 1 Polymer: 1 Type: polypeptide Chains: A EC#: 2.7.11.12  Fragment: Kinase domain Authors: Nowakowski, J., Cronin, C.N., Knuth, M.W., Nelson, C.G., Rodgers, J., Sang, B.-C., Sc Swanson, R.V., Thompson, D.

 1MUO
   

CRYSTAL STRUCTURE OF AURORA-2, AN ONCOGENE KINASE

Characteristics	Release Date: 15-Apr-2003 Exp. A Resolution: 2.90 Å
Classification Compound	Transferase Molecule: Aurora-related kinase 1 Polymer: 1 Type: polypeptide Chains: A



Authors Fragment: Aurora-2 kinase domain
Cheetham, G.M.T. , Knegtel, R.
Renwick, S.B. , Swenson, L. ,
J.A. , Austen, D.A.



CRYSTAL STRUCTURE OF THE T315I ABL MUTANT INHIBITOR PHA-739358



Characteristics Release Date: 18-Sep-2007 Exp. I
Resolution: 2.50 Å
Classification Transferase
Compound Molecule: PROTO-ONCOGENE TYR
ABL1
Polymer: 1 Type: polypeptide
Chains: A, B
EC#: 2.7.10.2
Fragment: KINASE DOMAIN, RESIDUE
Mutation: YES

Authors Modugno, M. , Casale, E. , Sc
P. , Colombo, R. , Lupi, R. ,
Fancelli, D. , Carpinelli, P. , C
Isacchi, A. , Moll, J.



Structure of AuroraA with pyridyl-pyrimidine urea



Characteristics Release Date: 23-Dec-2008 Exp. I
Resolution: 2.29 Å
Classification Transferase
Compound Molecule: Serine/threonine-protein
Polymer: 1 Type: polypeptide
Chains: A, B
EC#: 2.7.11.1

Authors Bellon, S.F. , Cee, V. , Hughe
S. , Whittington, D.



AURORA-2 T287D T288D COMPLEXED WITH PHA-I



Characteristics Release Date: 17-Mar-2005 Exp. I
Resolution: 2.60 Å
Classification Transferase
Compound Molecule: SERINE THREONINE-PRO
Polymer: 1 Type: polypeptide
Chains: A, B, C, D, E, F
EC#: 2.7.1.37
Fragment: CATALYTIC DOMAIN, RE
Mutation: YES

Authors Cameron, A.D. , Izzo, G. , Sa
L. , Storici, P. , Fancelli, D.
S. , Catana, C. , Forte, B. ,
Maniegani, S. , Meroni, M. , I
Severino, D. , Tonani, R. , Va
A. , Vianello, P.

◀ 1 2 3 4 5 ▶

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